

CLASS TITLE: COASTAL GEOLOGIST

Class Code: 02770500
Pay Grade: 26A
EO: B

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To perform various tasks related to the assessment of coastal geological conditions, including developing and assisting in scientific projects and programs; and to do related work as required.

SUPERVISION RECEIVED: Works under the general supervision of a superior from whom general and specific work assignments and instructions are received with some latitude for exercising independent judgement; work is reviewed in process and upon completion.

SUPERVISION EXERCISED: As assigned, may supervise the work of professional, technical and clerical personnel.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To perform various tasks related to coastal geological surveys, including offshore geological studies involving the monitoring of subsurface conditions, also developing and assisting in scientific projects and programs.

To assist in the design, development and implementation of all types of projects, research studies, and surveys in the broad field of coastal geology.

As required, to provide scientific advice and assistance when coastal geological problems arise.

To prepare technical correspondence in the course of official duties.

As required, to review and evaluate the probable effect of proposed legislation concerning the coastal geologic environment.

To research, collect, and analyze data, formulate proposals, detail action programs, make cost estimates, and identify legislative and other implementing requirements.

To prepare technical scientific reports and other documents with findings, conclusions and recommendations about coastal geological matters.

To review materials such as permit applications, technical reports, and environment impact statements for technical adequacy, subject matter coverage and conformance to policies and regulations and make recommendations for acceptance, modification or disapproval.

To keep current with trends of thought, literature, and new developments in coastal geological management and protection.

To maintain essential records and files.

To represent the department at meetings and conferences dealing with geological or environmental problems or policies.

To work closely with cooperating agencies, committees and interested groups in carrying out various activities.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A working knowledge of basic principles, practices, procedures, and technology of the scientific field of coastal geology; a working knowledge of the federal and state environmental laws and regulations; the ability to organize scientific work, analyze coastal geological and environmental protection problems and devise methods for their alleviation; a working knowledge of marine vessel handling and navigation; the ability to review and interpret technical and

scientific materials; the ability to compile data for and assist in preparing scientifically accurate proposals, papers and informational reports; the ability to prepare and convey geologic data in digitized electronic form, including GIS and GPS; the ability to prepare technical correspondence; the ability to maintain essential records and files; the ability to follow directions; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through: possession of a Master's Degree in Geology with a specialization in Coastal Geology; and

Experience: Such as may have been gained through: employment in a position involving the performance of advance level of professional work in the coastal geological field.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

SPECIAL REQUIREMENT: Must possess a certificate in diving.

Class Created: June 22, 1997

Editorial Review: 3/15/2003